

# WEATHER & CROPS



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### CROP SUMMARY FOR THE WEEK ENDING OCTOBER 21, 2007

GENERAL: Abnormally high temperatures and little rainfall dominated the week again in North Carolina. All reporting station's average temperatures were above normal by at least 4 degrees and at most by 11 degrees. Most stations reported having some rain with Greensboro reporting the largest at 1.11 inches. There were 6.4 days suitable for field work compared to 6.7 from the previous week. Statewide soil moisture levels are rated at 70% very short, 28% short, 2% adequate, and 0% surplus. Activities during the week included the harvesting of cotton, apples, flue-cured tobacco, sweetpotatoes, peanuts and sorghum. Other activities included the scouting for pest and disease problems.

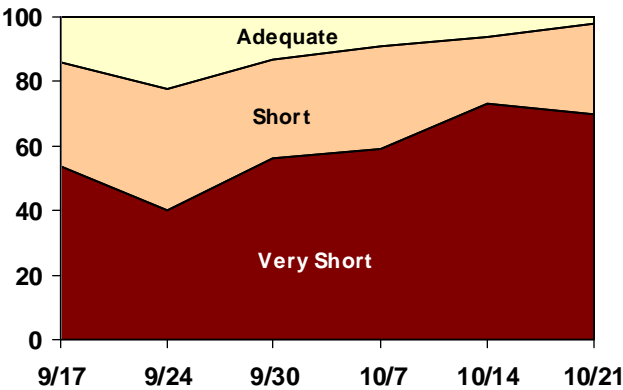
#### CROP PROGRESS PERCENT - WITH COMPARISONS

|                      | This Week | Last Week | Last Year | 5-Year Average |
|----------------------|-----------|-----------|-----------|----------------|
| PLANTED:             |           |           |           |                |
| Barley               | 39        | 38        | 38        | 36             |
| Oats                 | 20        | N/A       | 46        | 43             |
| Rye                  | 36        | 17        | 35        | 37             |
| PHENOLOGICAL:        |           |           |           |                |
| Soybeans % Leaf Drop | 80        | 61        | 79        | 74             |
| HARVESTED:           |           |           |           |                |
| Apples               | 96        | 85        | 91        | 92             |
| Cotton               | 56        | 36        | 27        | 32             |
| Peanuts Threshed     | 77        | 61        | 69        | 67             |
| Sorghum              | 94        | 77        | 65        | 63             |
| Soybeans             | 17        | N/A       | 11        | 11             |
| Sweetpotatoes        | 64        | 49        | 60        | 65             |
| Tobacco: Flue-cured  | 97        | 89        | 100       | 99             |

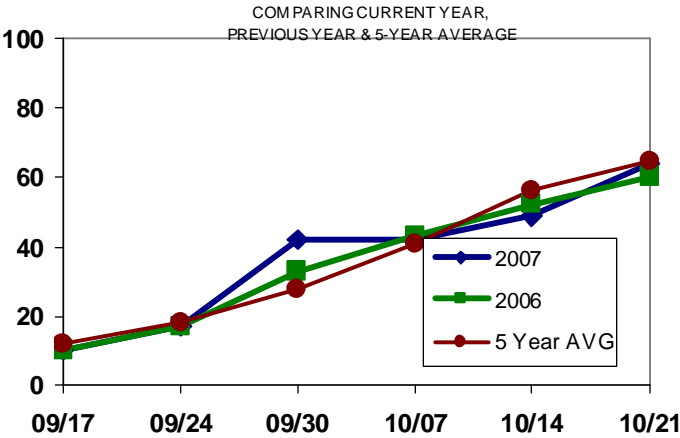
#### TOPSOIL MOISTURE PERCENT

|                      | Very Short | Short | Adequate | Surplus |
|----------------------|------------|-------|----------|---------|
| State                | 70         | 28    | 2        | 0       |
| Mountain Region      | 64         | 34    | 2        | 0       |
| Piedmont Region      | 85         | 15    | 0        | 0       |
| Coastal Plain Region | 59         | 37    | 4        | 0       |

#### SOIL MOISTURE PERCENTS STATEWIDE



#### SWEETPOTATO HARVESTED PROGRESS



#### CROP CONDITION PERCENT

|               | VP | P  | F  | G  | EX |
|---------------|----|----|----|----|----|
| Cotton        | 12 | 22 | 29 | 30 | 7  |
| Pasture       | 75 | 19 | 5  | 1  | 0  |
| Soybeans      | 31 | 27 | 25 | 15 | 2  |
| Sweetpotatoes | 16 | 40 | 28 | 15 | 1  |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Crop information in this report is provided voluntarily by county officials of the Cooperative Extension Service, FSA, NRCS and other knowledgeable individuals.

WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 20, 2007

| Station Location | Precipitation (Inches) <sup>1</sup> |                                 |                       |                                       | Temperature (Degrees F.)<br>For This Week |     |         |                       |
|------------------|-------------------------------------|---------------------------------|-----------------------|---------------------------------------|---|-----|---------|-----------------------|
|                  | Total This Week                     | Departure From Normal This Week | Total Since January 1 | Departure From Normal Since January 1 | High                                      | Low | Average | Departure From Normal |
|                  |                                     |                                 |                       |                                       |   |     |         |                       |
| Apex             | 0.63                                | -0.14                           | 25.30                 | -11.98                                | 82  | 47  | 66      | 8                     |
| Asheville        | 0.11                                | -0.66                           | 28.97                 | -10.34                                | 75  | 36  | 61      | 7                     |
| Aurora           | 0.05                                | -0.65                           | 29.49                 | -14.04                                | 88  | 46  | 69      | 9                     |
| Beech Mountain   | 0.47                                | -0.72                           | 34.73                 | -17.40                                | 67  | 41  | 54      | 7                     |
| Chapel Hill      | 0.07                                | -0.70                           | 24.78                 | -13.11                                | 85  | 45  | 67      | 10                    |
| Charlotte        | 0.27                                | -0.50                           | 22.31                 | -13.02                                | 83  | 43  | 68      | 8                     |
| Clinton          | 0.01                                | -0.62                           | 25.95                 | -17.81                                | 86  | 43  | 67      | 6                     |
| Concord          | 0.87                                | 0.03                            | 24.57                 | -13.25                                | 87  | 45  | 67      | 9                     |
| Eden             | 0.26                                | -0.58                           | 26.90                 | -9.73                                 | 81  | 41  | 63      | 7                     |
| Elizabeth City   | 0.20                                | -0.45                           | 20.88                 | -19.96                                | 87  | 44  | 68      | 8                     |
| Fayetteville     | 0.32                                | -0.31                           | 22.00                 | -17.64                                | 83  | 46  | 67      | 8                     |
| Goldsboro        | 0.07                                | -0.56                           | 25.73                 | -15.91                                | 84  | 44  | 67      | 6                     |
| Greensboro       | 1.11                                | 0.34                            | 22.03                 | -13.18                                | 84  | 47  | 68      | 11                    |
| Greenville       | 0.02                                | -0.64                           | 25.21                 | -16.77                                | 87  | 46  | 69      | 9                     |
| Halifax          | 0.82                                | 0.12                            | 26.28                 | -11.42                                | 86  | 45  | 68      | 10                    |
| Hayesville       | 0.43                                | -0.20                           | 30.06                 | -7.46                                 | 78  | 42  | 63      | 4                     |
| Hickory          | 0.02                                | -0.82                           | 19.94                 | -20.78                                | 80  | 45  | 66      | 9                     |
| Jackson Springs  | 0.18                                | -0.64                           | 24.05                 | -15.03                                | 84  | 45  | 67      | 8                     |
| Jacksonville     | 0.45                                | -0.28                           | 28.67                 | -19.08                                | 87  | 47  | 71      | 9                     |
| Jefferson        | 0.53                                | -0.41                           | 25.28                 | -14.57                                | 79  | 31  | 57      | 7                     |
| Kinston          | 0.28                                | -0.36                           | 28.18                 | -15.83                                | 89  | 41  | 67      | 7                     |
| Laurinburg       | 0.11                                | -0.58                           | 21.32                 | -19.84                                | 89  | 47  | 69      | 8                     |
| Lenoir           | 0.03                                | -0.88                           | 25.93                 | -14.96                                | 79  | 41  | 64      | 7                     |
| Lexington        | 0.49                                | -0.35                           | 24.09                 | -13.01                                | 86  | 40  | 65      | 6                     |
| Lincolnton       | 0.12                                | -0.77                           | 20.94                 | -17.88                                | 82  | 38  | 66      | 7                     |
| Louisburg        | 0.46                                | -0.31                           | 24.37                 | -13.47                                | 83  | 41  | 64      | 9                     |
| Marshall         | 0.37                                | -0.19                           | 22.80                 | -10.67                                | 81  | 33  | 60      | 8                     |
| Monroe           | 0.08                                | -0.78                           | 17.18                 | -22.72                                | 85  | 44  | 69      | 10                    |
| Mount Airy       | 0.12                                | -0.72                           | 33.93                 | -3.95                                 | 79  | 37  | 61      | 5                     |
| New Bern         | 0.41                                | -0.22                           | 31.66                 | -14.84                                | 87  | 47  | 70      | 7                     |
| North Wilkesboro | 0.09                                | -0.82                           | 28.42                 | -13.24                                | 80  | 39  | 63      | 9                     |
| Old Fort         | 0.30                                | -0.61                           | 29.72                 | -13.68                                | 78  | 40  | 61      | 8                     |
| Oxford           | 0.08                                | -0.69                           | 23.04                 | -13.46                                | 83  | 45  | 65      | 8                     |
| Raleigh-Durham   | 0.13                                | -0.50                           | 26.51                 | -7.78                                 | 85  | 45  | 69      | 10                    |
| Roanoke Rapids   | 0.23                                | -0.47                           | 23.92                 | -13.78                                | 83  | 45  | 66      | 7                     |
| Rocky Mount      | 0.53                                | -0.08                           | 20.71                 | -15.37                                | 84  | 42  | 66      | 9                     |
| Siler City       | 0.37                                | -0.47                           | 28.35                 | -11.32                                | 83  | 45  | 66      | 10                    |
| Waynesville      | 0.29                                | -0.35                           | 27.70                 | -10.79                                | 76  | 33  | 58      | 6                     |
| Whiteville       | 0.21                                | -0.35                           | 22.20                 | -19.67                                | 88  | 43  | 68      | 8                     |
| Williamston      | 0.57                                | -0.16                           | 27.64                 | -13.52                                | 86  | 45  | 67      | 7                     |
| Wilmington       | 0.06                                | -0.49                           | 26.51                 | -20.23                                | 86  | 48  | 71      | 7                     |

<sup>1</sup> Precipitation data considered preliminary

